

EXHIBIT D
PERMITS NECESSARY FOR OPERATION OF THE SMaRT STATION®

A. Federal Agencies

-None

B. State and Regional Agencies

California Integrated Waste Management Board/Santa Clara County Health Department as LEA

-Solid Waste Facilities Permit

California Department of Conservation, Division of Recycling

-Certified Recycling Center, Certified Drop-off/Collection Program

California Air Resources Board (via Bay Area Air Quality Management District)

-Authority to Operate

EPA Identification

-Hazardous Waste Generator

California Environmental Protection Agency, DTSC

-Appliance Recycler Certification

Regional Water Quality Control Board

-Approval for discharge of storm water

Department of Motor Vehicles

-Motor Carrier Permit

CAL OSHA

-Permit to Operate Air Pressure and LP Gas Tanks (OSHA)

EXHIBIT D
PERMITS NECESSARY FOR OPERATION OF THE SMaRT STATION®

California Department of Food and Agriculture, Division of Measurement Standards

-Weighmaster License

County of Santa Clara, Environmental Health Permit, Solid Waste Enforcement Program

-Transfer Station Facility Permit

-Registration/Permitting of Regulated Vehicles

C. Local

City of Sunnyvale

-Special Development Permit

-Business License

-Industrial Wastewater Discharge Permit

-Fire and Environmental Services Permit (Expires 10/31/2008)

Activities Permitted:

Hazardous Materials Storage

Underground Storage Tanks (Diesel Fuel, Used Motor Oil)

Hazardous Waste Generator

EXHIBIT E

Terms and Conditions in Use Permit Issued by City for Station

CITY OF SUNNYVALE

SMaRT STATION

CONDITIONS OF APPROVAL

7060 - City of Sunnyvale, Revised 2-15-02

B. CONDITIONS OF APPROVAL

In addition to complying with applicable City Codes, Ordinances and Resolutions, the following conditions of approval are imposed:

1. Approval of this Use Permit is subject to execution of contract with the City of Sunnyvale to operate the transfer station.
2. Prior to issuance of Building Permit, a Use Permit Document shall be executed.
3. A directional sign program shall be submitted to the Planning Division for review and approval. The directional signs at minimum shall include the following:
 - a. Northeast corner of Caribbean and Borregas facing east on west bound Caribbean: install signs reading "Water Pollution Control Plant" and "SMaRT Station" with directional arrows.
 - b. In the west bound median facing east: install signs reading "Water Pollution Control Plant" and "SMaRT Station" with directional arrows.
 - c. On Borregas Avenue north of Caribbean Drive: install signs in the median reading "Water Pollution Control Plant" and "SMaRT Station", with directional arrows.
 - d. At the end of Borregas Avenue North of Caribbean Drive: install signs reading "Water Pollution Control Plant" and "SMaRT Station" with directional arrows.
 - e. In the east bound median and south side of Caribbean facing west: install signs reading "Water Pollution Control Plant" and "SMaRT Station" with directional arrows.
 - f. East side of Borregas Avenue just north of Caribbean install a sign reading 15 MPH".
4. All processing of waste shall be conducted in enclosed areas.

7060 - City of Sunnyvale

5. The site plan shall be revised to include additional landscaping. The landscape plan shall be submitted to the Director of Community Development for review and approval.
6. Trucks delivering refuse shall be limited to the hours of 5:00 a.m. to 5:00 p.m.
7. The hours of operation for wood chipping equipment shall be limited to 5:00 a.m. to 8:00 p.m.
8. The hours of operation of compactors shall be limited to 5:00 a.m. to 10:00 p.m.
9. Refuse not diverted from disposal shall be removed to the Disposal Facility within 48 hours of its delivery to the Transfer Station. The refuse transfer truck loading area shall be cleaned and swept at the end of each day of operation.
10. A dust suppressant system shall be installed in all tipping floor and equipment areas.
11. Not Used
12. Reclaimed water from water pollution control plant shall be utilized for all uses except for domestic fire or misting system or any other purposes where use of reclaimed water is prohibited by local, state or federal agencies.
13. A litter control program shall be implemented. This program at minimum shall include weekly litter pick up on the following street frontages near the Station: (Borregas Avenue from Carl Road to Moffett Park Drive; Mathilda Avenue from Highway 237 to Caribbean Drive and Caribbean Drive from the north end of Mathilda Avenue to Highway 237), collecting all debris along these streets.
14. All trash carried by commercial vehicles shall be covered to prevent littering. The applicant is encouraged to provide incentives for public to cover their refuse preventing paper and other objects to become airborne. This incentive could include discount of the fee for those who cover their refuse.
15. Out-of-door loudspeakers shall be prohibited.
16. No inoperable vehicles shall be stored out-of-doors at the site for more than 24 hours.
17. Any expansion or modification of the approved use shall be approved by separate application at a public hearing by the Planning Commission.

18. Any major site or architectural plan modification shall be treated as an amendment to the original approval and shall be approved at a Planning Commission public hearing, except that minor changes of the approved plan may be approved administratively by the Director of Community Development.
19. Details of exterior building materials and color schemes shall be submitted to the Director of Community Development for approval.
20. Any proposed fencing and/or walls shall be approved as to design and location by the Director of Community Development.
21. All existing on-site, existing street frontage and proposed overhead utilities shall be undergrounded prior to occupancy.
22. Unenclosed storage area(s) shall be fully screened to the highest point of any stored or stacked materials, equipment and/or supplies of any kind. The design and method of enclosure is subject to approval by the Director of Community Development. Any modification or expansion of unenclosed uses shall require approval from the Director of Community Development.
23. Preferential parking stalls in the first row of parking adjoining the building(s) shall be reserved and so marked for pool vans capable of carrying at least 8 people.
24. All outside lighting shall be installed and arranged as not to illuminate the area to the north.
25. A solar energy collection system shall be provided as the primary means of heating water for potable use. The requirement may be waived if solar is not cost effective using present value life cycle cost analysis as established by the City.
26. The landscape and irrigation plan shall be submitted to the Director of Community Development for approval prior to issuance of Building Permit. Landscaping shall be planted prior to occupancy. The landscape plan shall include the following elements:
 - a. Provide trees at minimum 30 feet intervals along side and rear property lines, except where mature trees are located immediately adjoining on neighboring property.

- b. Ground cover shall be planted so as to ensure full coverage eighteen months after installation.
 - c. All areas not required for parking, driveways or structures shall be landscaped.
- 27. Prior to issuance of a Demolition Permit, a Grading Permit or a Building Permit, whichever occurs first, obtain approval of a tree protection plan from the Director of Community Development. Indicate all existing non-orchard trees on the plans, showing size and varieties, and clearly specify which are to be retained.
 - 28. Submit exterior lighting plan, including fixture and pole designs, for approval by the Director of Community Development prior to issuance of Building Permit. Driveways and parking area lighting shall include the following:
 - a. Sodium vapor (or illumination with an equivalent energy savings).
 - b. Pole heights not to exceed 15 feet.
 - c. Provide photo cells for on/off control of all security and area lights.
 - d. All exterior security lights shall be equipped with vandal-resistant covers.
 - e. Implement approval plan prior to occupancy.
 - f. Wall packs shall not be placed on the roof of the building.
 - 29. Consult with the Crime Prevention Division of the Public Safety Department for crime prevention measures appropriate to the proposed development.
 - 30. On-site storage of hazardous waste shall be limited to household hazardous waste. Any other waste stored on-site, except for waste oil from maintenance of vehicles, shall be associated with load checks and shall not be stored on-site for more than 90 days. There shall be no drop-off facilities for hazardous waste.
 - 31. A noise review to be conducted one year from the date of the completion of the transfer station.
 - 32. The transfer trucks should be encouraged to use the Lawrence/Caribbean Way corridor rather than Mathilda.

EXHIBIT F

Environmental Findings, Impacts, Mitigation and Monitoring Program

SMaRT Station/Kirby Canyon Project

TRANSPORTATION

1. a. **IMPACT:** The left turn into the project site would affect traffic volumes on Caribbean drive.
b. **MITIGATION:** A 40-foot extension of the left-turn lane on Caribbean may be installed.
c. **FINDING:** The project, as proposed, includes techniques and procedures to reduce this potential impact to an acceptable level.
d. **MONITORING:** Project traffic should be monitored by the City of Sunnyvale and an extension to the left-turn lane installed, if deemed necessary.
2. a. **IMPACT:** On-site traffic control is needed to ensure safety.
b. **MITIGATION:** A four-way stop may be installed at the first intersection of the site (Carl Road and Borregas Avenue). "One Way" and "Do Not Enter" signs may be installed to enforce the counter-clockwise circulation pattern.
c. **FINDING:** The project, as proposed, includes techniques and procedures to reduce this potential impact to an acceptable level.
d. **MONITORING:** Appropriate signage should be installed prior to the opening of the station and verified through the building permit process.
3. a. **IMPACT:** Utility improvements for the project will temporarily disrupt traffic on Caribbean Drive.
b. **MITIGATION:** Street construction should be conducted such that a minimum of one lane in each direction remains open at all times.
c. **FINDING:** The project, as proposed, includes techniques and procedures to reduce this potential impact to an acceptable level.
d. **MONITORING:** Encroachment permits for construction in the public right of way should limit the time of construction in the public street and maintain a minimum of one lane open in each direction of flow.

PUBLIC SERVICES

4.
 - a. IMPACT: The potential exists for fire to occur at the Station.
 - b. MITIGATION: Installation of sufficient fire suppression improvements consisting of hydrants, sprinklering of the enclosed areas, and adequate water supply.
 - c. FINDING: The project, as proposed, includes techniques and procedures to reduce this potential impact to an acceptable level.
 - d. MONITORING: The Sunnyvale Public Safety Department should review the project design plans to ensure compliance with fire protection standards.
5.
 - a. IMPACT: Washdown water may exceed WPCP standards.
 - b. MITIGATION: Pretreatment of the washdown water may be required to eliminate oil, grease, and solids.
 - c. FINDING: The project, as proposed, includes techniques and procedures to reduce this potential impact to an acceptable level.
 - d. MONITORING: The washdown water should be monitored and compared to the industrial waste discharge requirements of the WPCP standards. If the washdown water exceeds the limits, the station should provide pretreatment necessary to reduce objectionable components.

SAFETY AND SEISMIC SAFETY

6.
 - a. IMPACT: Structural damage caused by differential subsidence of the earth fill under the station.
 - b. MITIGATION: Construction considerations, such as pile foundation or modifications to the spread footing design, would prevent structural damage.
 - c. FINDING: The project, as proposed, includes techniques and procedures to reduce this potential impact to an acceptable level.
 - d. MONITORING: The City's Community Development Department will review the Station design to be sure it is engineered properly to ensure the integrity of the proposed structures.
7.
 - a. IMPACT: Potential liquefaction, compaction and ground subsidence resulting from a maximum probable earthquake.
 - b. MITIGATION: Location and engineering design of the Station can minimize potential damage to the structure.

- c. FINDING: The project, as proposed, includes techniques and procedures to reduce this potential impact to an acceptable level.
 - d. MONITORING: The Community Development Department will review the geophysical evaluation and engineering design to ensure structural integrity of the proposed improvements.
- 8.
 - a. IMPACT: Landfill slope stability during an earthquake.
 - b. MITIGATION: Application of appropriate engineering standards to the excavation, compaction and placement of final cover of soil materials on landfill slopes can reduce the potential of this impact.
 - c. FINDING: The project, as proposed, includes techniques and procedures to reduce this potential impact to an acceptable level.
 - d. MONITORING: The Community Development and Public Works Departments will review the geophysical evaluation and engineering design to ensure structural integrity of the proposed improvements.
- 9.
 - a. IMPACT: Worker exposure to landfill gas released during excavation of refuse for site preparation.
 - b. MITIGATION: Limit the amount of area of excavation to reduce the quantity of landfill gas released. Fit equipment with spark arresters. Worker education and use of methane gas monitoring and measuring devices.
 - c. FINDING: The project, as proposed, includes techniques and procedures to reduce this potential impact to an acceptable level.
 - d. MONITORING: The Sunnyvale Public Works Department will require the applicant to provide a health and safety plan with adequate detail to address the specific working conditions of the site. The department will monitor construction practices at the site to ensure compliance with the health and safety plan.
- 10.
 - a. IMPACT: Fire hazard created by lateral migration of landfill gas (methane) into buildings.
 - b. MITIGATION: Install landfill-gas detection devices around the buildings, provide good building ventilation and, if necessary, install additional landfill-gas collection systems.
 - c. FINDING: The project, as proposed, includes techniques and procedures to reduce this potential impact to an acceptable level.
 - d. MONITORING: The Sunnyvale Public Works and Building Departments will review the engineering design plans to assure installation of landfill-gas-migration detection devices, landfill-gas perimeter cutoff trenches that could be

modified to an active landfill-gas withdrawal system and an adequate landfill-gas monitoring protocol for landfill-gas in the enclosed areas of the site. These departments will monitor the construction practices at the site to ensure compliance with the engineered plans.

11.
 - a. IMPACT: Existing soils under the station contain some pesticides and heavy metals.
 - b. MITIGATION: Conform to state and federal regulations which allow this soil to be left in place.
 - c. FINDING: The project, as proposed, includes techniques and procedures to reduce this potential impact to an acceptable level.
 - d. MONITORING: The Public Works Department will monitor soils surrounding the site to be sure no migration of this material occurs.
12.
 - a. IMPACT: Potential exposure of public to accidental spill or leak of hazardous gases from WPCP.
 - b. MITIGATION: Implementation of an evacuation plan including escape routes other than Borregas Ave.
 - c. FINDING: The project, as proposed, includes techniques and procedures to reduce this potential impact to an acceptable level.
 - d. MONITORING: The Public Works Department will require the applicant to prepare an evacuation plan in consultation with Water Pollution Control Plant staff.
13.
 - a. IMPACT: Potential toxics in the wastestream to be received at SMaRT.
 - b. MITIGATION: Implementation of Hazardous Waste Exclusion Program (HWEP).
 - c. FINDING: The project, as proposed, includes techniques and procedures to reduce this potential impact to an acceptable level.
 - d. MONITORING: The City of Sunnyvale will require the applicant to prepare a HWEP.
14.
 - a. IMPACT: Storage of toxics discovered by the HWEP program at the station.
 - b. MITIGATION: Preparation of an appropriate storage area and conformance to local, state, and federal regulations governing storage time of hazardous wastes.
 - c. FINDING: The project, as proposed, includes techniques and procedures to reduce this potential impact to an acceptable level.

d. **MONITORING:** The City of Sunnyvale will require the applicant to prepare a HWEP, as required under the California Administrative Code Title 23. The County of Santa Clara will serve as the Local Enforcement Agency (LEA) for the station. The county will conduct weekly inspections of the station, as required by state law. During the inspections, the County will determine whether the station operator is properly following the HWEP protocol.

NOISE

15. a. **IMPACT:** Noise generated from the tributary traffic of the project.
- b. **MITIGATION:** Preservation of the condition of the streets to be maintained in good repair with smooth surfaces.
- c. **FINDING:** The project, as proposed, includes techniques and procedures to reduce this potential impact to an acceptable level.
- d. **MONITORING:** The Public Works Department will periodically review the integrity of the public roads to assure they are properly maintained. The Operator will repair street damage caused by construction, but will not be required to provide ongoing maintenance.

AIR QUALITY

16. a. **IMPACT:** Dust caused from the construction of the project.
- b. **MITIGATION:** Implementation of a dust prevention program during construction.
- c. **FINDING:** The project, as proposed, includes techniques and procedures to reduce this potential impact to an acceptable level.
- d. **MONITORING:** The City will require the applicant to prepare the project specifications such that the creation of dust and airborne particles is kept to a minimum. The Public Works Department will conduct routine inspections during construction to assure compliance with the plan.
17. a. **IMPACT:** Potential release of landfill gas during site preparation and project construction.
- b. **MITIGATION:** Limit area of excavation to reduce the amount of landfill gas released.
- c. **FINDING:** The project, as proposed, includes techniques and procedures to reduce this potential impact to an acceptable level.

d. **MONITORING:** The City will require the applicant to prepare the project specifications such that the excavation of the refuse is limited to a minimum. The City Public Works Department will conduct routine inspections during construction to assure compliance with the plan.

WILDFIRE

18. a. **IMPACT:** Accidental disruption of wetland habitats adjacent to the station during construction.

b. **MITIGATION:** Install a fence prior to construction.

c. **FINDING:** The project, as proposed, includes techniques and procedures to reduce this potential impact to an acceptable level.

d. **MONITORING:** The City will require the applicant to install a fence prior to the commencement of construction. The Public Works Department will conduct an inspection prior to construction to assure the fence has been installed. A biologist should be on hand to prevent impact during construction.

NUISANCE

19. a. **IMPACT:** Vectors such as flies, rodents, and yellow-jackets may be attracted to refuse.

b. **MITIGATION:** Conformance with the state regulations which require operation and maintenance procedures to prevent vector impacts.

c. **FINDING:** The project, as proposed, includes techniques and procedures to reduce this potential impact to an acceptable level.

d. **MONITORING:** The County, as Local Enforcement Agency, will require the station operator to comply with the state's solid waste handling regulations. The County will conduct weekly inspections at the station to ensure compliance.

20. a. **IMPACT:** The generation of litter from private vehicles without properly covered loads.

b. **MITIGATION:** Enforcement of the State Vehicle Code regarding the transportation of materials and imposition of a special fee for improperly covered loads may reduce this impact.

c. **FINDING:** The project, as proposed, includes techniques and procedures to reduce this potential impact to an acceptable level.

d. **MONITORING:** The County, as Local Enforcement Agency, will require the station operator to comply with state regulations concerning the covering of

loads entering the station. The California Highway Patrol is responsible for enforcing the State Vehicle Code.

21.
 - a. **IMPACT:** Objectional odors from the decay of organic materials.
 - b. **MITIGATION:** Conformance with the State regulations, as enforced by the LEA, regarding residence time of materials and processing odorous materials will require operation and maintenance procedures to reduce unpleasant odors. Also, regular cleaning and deodorizing of the station will assist to reduce this impact.
 - c. **FINDING:** The project, as proposed, includes techniques and procedures to reduce this potential impact to an acceptable level.
 - d. **MONITORING:** The LEA will conduct weekly inspections of the station to be sure the operator complies with the solid waste handling regulations of the CIWMB.
22.
 - a. **IMPACT:** Dust emissions from station operations.
 - b. **MITIGATION:** Installation of appropriate exhaust ducts and dust removal equipment will reduce this impact to the adjacent areas. Workers should wear dust masks in dusty areas.
 - c. **FINDING:** The project, as proposed, includes techniques and procedures to reduce this potential impact to an acceptable level.
 - d. **MONITORING:** The LEA will conduct weekly inspections to ensure compliance.
23.
 - a. **IMPACT:** Fire hazard created by refuse containing combustibles.
 - b. **MITIGATION:** Implementation of a load-checking program to detect combustibles in refuse loads and appropriate fire suppression equipment within the facility will reduce this impact.
 - c. **FINDING:** The project, as proposed, includes techniques and procedures to reduce this potential impact to an acceptable level.
 - d. **MONITORING:** The Public Safety Department will require the applicant to install proper fire suppression and protection improvements and to prepare an emergency response plan. The Public Works Department will provide routine inspections during construction to assure compliance with the plan.
24.
 - a. **IMPACT:** Light and glare created by night operations at the station.
 - b. **MITIGATION:** Light should be directed downward to avoid any impact to surrounding land uses.

- c. **FINDING:** The project, as proposed, includes techniques and procedures to reduce this potential impact to an acceptable level.
 - d. **MONITORING:** The Building Department will review the engineering design plans to ensure compliance with this requirement.
25. a. **IMPACT:** Visual impact to recreationalists at the levees north of the site, and future park users, from construction and station operation.
- b. **PARTIAL MITIGATION OR AVOIDANCE:** The proposed SMaRT station is screened from view on the west, south and east by the Sunnyvale landfill and the WPCP. It is visible from the levees to the north. The sensitive receptors near the SMaRT include users of the Twin Creeks Softball Facility; users of the future park (to be built on the Sunnyvale landfill); recreationalists using levees north of the project; and employees in the office/industrial park along the south side of Caribbean. Of these receptors, only the recreationalists using the levees to the north of the landfill would be impacted. A screening fence and landscaping is proposed along the northern boundary of the site to help reduce the impact to the levee area.

EXHIBIT G
Sunnyvale SMaRT Station
Hazardous Waste Exclusion Program

SMaRT Station Profile

The SMaRT Station is a materials recovery facility designed to serve the cities of Sunnyvale, Palo Alto, and Mountain View, all of which are located on the southwestern portion of the San Francisco Bay within Santa Clara County. The City of Sunnyvale, where the facility will be located, has a population of 117,000 with a strong manufacturing base. The Cities of Palo Alto and Mountain View are located north of Sunnyvale as shown in figure A-1.

Program Goal

The Hazardous Waste Exclusion Program for the Sunnyvale SMaRT Station is designed to detect and remove hazardous and other prohibited materials from solid waste entering the facility, thereby helping to protect the environment and the public from immediate and future health risks. The program will educate users of the SMaRT Station and the public about the proper disposal of prohibited materials.

Prohibited Materials

The SMaRT Station is prohibited from accepting hazardous wastes and other designed wastes, such as liquid wastes. These wastes are prohibited because they possess flammable, combustible, toxic, corrosive, and/or reactive characteristics.

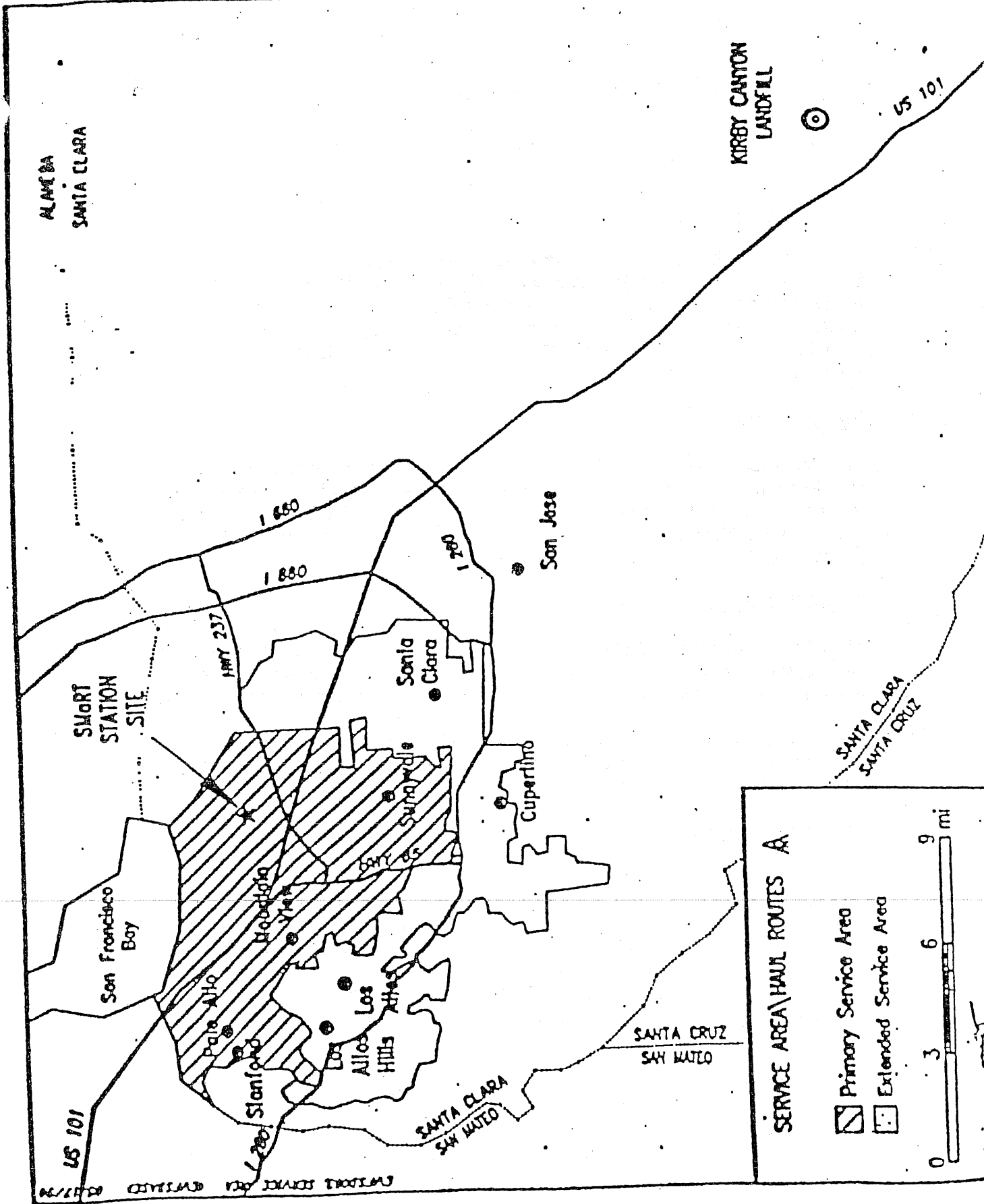
A representative list of prohibited material categories is presented in Attachment A. While the list is not exhaustive, it contains many of the unacceptable products commonly encountered at sanitary landfills, transfer stations and material recovery facilities.

Public Information

Public information about the program will be distributed using two sources. The first will be through garbage bills and the second will be through information distributed at the SMaRT Station to its' users. This information will explain the purpose of the program and how it works, list prohibited materials, and how to properly dispose of them.

Signs at the SMaRT Station will also be used to warn users that hazardous and other prohibited materials are not accepted. Figure A-2 is an example of the sign that will be posted at the entrance of the station.

Users will be notified that they retain responsibility for any hazardous or other prohibited materials detected in their loads.



[Handwritten signature]

Load Checking Procedure

All handling, storage, and disposal of hazardous wastes will be in conformance with the California Code of regulations Title 22, Chapter 12, Section 6626.10, et al. The load checking program includes the routine questioning of drivers, random inspection of vehicle loads, and inspection of suspicious loads. Under this program, drivers will be questioned about the contents of their load as they enter the facility and during the load check. The list of questions which will be asked of each driver appears in Attachment B.

Random inspections will be performed on a variety of different vehicle types that enter the facility. Checks will also be performed on those vehicles which are more likely to contain prohibited materials, based on past experience, waste source, or suspicious behavior of the driver. A minimum of six formal load checks will be performed each week using the protocol described in Exhibit V. Two of the six vehicles will be of those transporting commercial waste, two will be of vehicles transporting industrial waste and one vehicle each of residential waste and publicly hauled waste. If staffing and the work level all, the frequency of inspections will be increased.

Vehicle load inspections will be performed uniformly, whether the inspection is random or at the discretion of the toll collector. The inspection will be performed using the following procedure:

1. Explain to the driver that an inspection of the load will be required to determine if prohibited materials are present.
2. If the driver refuses, let him or her know that the solid waste cannot be dumped at the SMaRT Station unless he/she cooperates with the load checking program. If the driver chooses to leave, the vehicle license plate number and company name will be recorded in the log book.
3. The driver will be asked to dump the load into a window at a designated tipping area where the inspection will be performed. The load checking area will be separated from the regular tipping area.
4. The inspection will entail sifting through the waste with a rake or other handheld tools looking for the products contained in Attachment A. Two samples from the load will then be taken using the protocol described in Exhibit V. The vehicle type, material found in the load, and the name of the person performing the inspection will be recorded on the load checking data sheet in Attachment C.
5. If no prohibited materials are found, the driver will be thanked for his or her cooperation and allowed to leave.

Entrance Sign

NO HAZARDOUS WASTES ACCEPTED AT THIS FACILITY

HAZARDOUS WASTE INCLUDE:

PAINTS-SOLVENTS-PESTICIDES-ACID & CAUSTIC SOLUTIONS-GASOLINE
EXPLOSIVES-PHOTOGRAPHIC & POOL CHEMICALS-COMPRESSED GAS,
CYLINDERS-INK-PHARMACEUTICALS-RADIOACTIVES & INFECTIOUS WASTE

ASK BEFORE YOU DUMP

COMPANY NAME

**ALL LOADS SUBJECT
TO INSPECTION FOR
PROHIBITED WASTES**

WE THANK YOU

46"

36"

White Backgr

4" Red

1 1/2" Black

1" Black

2" Red

1 1/2" Black

4" Black

2" Black

6. If any prohibited material is identified during the load check, the driver will be informed that the materials will not be accepted at the SMaRT Station, that the materials must be removed from the facility, and that arrangements for the proper disposal must be made.
7. If prohibited materials are found, the inspector will, at a minimum, record the individual's name, license plate number, company name (if applicable) and type of waste found, in the log book. If the material is suspected to possess an immediate danger to employees, its' users or the facility, the Public Safety Department's hazardous material response units and the Santa Clara County's Office of Environmental Health will be notified of the situation immediately.
8. Hazardous materials and other prohibited materials found during load checking will be returned to the driver for removal from the site, or moved to the hazardous materials storage area. This decision will be made by the onsite supervisor.
9. After the load has been checked, the driver will be given a slip that has been signed by the inspector which must be returned to the toll booth.
10. In the event that an excessive amount of prohibited material is found in the load, or if the same user or generator has made repeated attempts to dispose of prohibited materials, the operator will notify the proper regulatory agencies about the incident(s). More stringent measures, such as civil or criminal penalties, will be pursued at the discretion of the City of Sunnyvale and/or Station Operator.
11. A log for the load check program will be retained onsite for 18 months.

Equipment operators will also be trained to recognize possible illegal waste containers and push them to an area out of the disposal traffic pattern for further examination. Other employees who work in and around the public disposal area will be trained to recognize possible illegal waste containers and notify the load check team so that an inspection can be made. If any of the personnel observe unacceptable waste being unloaded, they will be trained to halt the unloading and summon the load check team for inspection of the load.

Storage of Prohibited Materials

The SMaRT Station is equipped with a hazardous material storage area which will be used for the temporary storage of prohibited materials recovered during the load check program. Caution will be used to make sure incompatible materials are not mixed together or stored next to each other. The storage area will be fenced and will be locked at all times unless an authorized SMaRT Station employee is present. Containers that will be used to store hazardous material will have secondary containment, security, ventilation, and fire resistant construction. Incompatible waste will be segregated and separated storage partitions that are divided by double metal walls. This will prevent

acids, bases, and flammable from coming in contact with each other. Containers will have a flammable bay where a fire extinguisher will be kept.

Materials that are not removed by the user or generator, or are abandoned by the unknown generator, will be removed from the Station by a hazardous waste hauling firm retained by the operator to collect, transport and dispose of all prohibited material.

Hazardous materials collected by the SMaRT Station will be stored on the property for no longer than 90 days.

Employee Training

All SMaRT Station employees will be required to attend a training program that teaches them how to detect, recognize and handle hazardous and other prohibited materials. The program will also teach them about emergency procedures, how to use equipment safely, and how to use the SMaRT Station's communication system. All employees will attend an annual review of the training program.

The load checking program will be performed by SMaRT Station employees that have taken and passed a 40-hour CAL-OSHA hazardous material training course. The program teaches them how to recognize and handle hazardous material.

SMaRT Station Record Keeping

The toll collector will maintain a log book onsite to record all persons, companies, and vehicles that are found to bring hazardous, or other prohibited materials into the SMaRT Station. The license plate number, name, and company name of drivers who refuse to undergo load checking will also be recorded in the log book.

The information in the log book will be compiled into two lists that will be updated quarterly. The first will alphabetically list the names of all the individuals and companies that either refused to undergo a load check or were carrying hazardous or other prohibited materials. The second list will contain the license plate numbers in numerical sequence of vehicles whose drivers either refused to undergo a load check or were carrying hazardous or other prohibited waste. These lists will be useful tools for identifying repeat violators and enforcing the Hazardous Waste Exclusion Program. The report will also include information regarding the amount and type of hazardous material that was collected and rejected at the facility. Copies of this information will be kept onsite and will be sent to the Local Enforcement Agency for their records.

Records of employee training for hazardous material handling will also be retained at the SMaRT Station.

Protective Equipment

Employees that perform load checks will wear protective clothing including Tyvek suits, orange safety vests, hard hats, gloves, protective goggles, respirators, and boots. After each load check Tyvek suits will be disposed and all other equipment will be cleaned.

The facility will keep mitigation equipment, such as brooms, shovels, and absorbent, onsite for use of an emergency.

Emergency Plan with Government Agencies

A map of the SMaRT Station will be issued to the Sunnyvale Public Safety Department. The map will indicate where the hazardous material storage area is located, all roads to and inside the facility, and possible evacuation routes. The SMaRT Station will also have a map to the nearest hospital posted at the toll booth for use in the event of an emergency. An emergency evacuation plan for the facility will be modeled after the emergency evacuation plan that is being developed by the Sunnyvale Water Pollution Control Plant, which is located on the adjacent site. The emergency plan being developed for the Sunnyvale Water Pollution Control Plant is to guard against a possible leak of chlorine gas.

The SMaRT Station's emergency evacuation plan will be added as an addendum to this report when it is finalized.

Program Review

Load check records and operating experience will be reviewed quarterly for two quarters, then semi-annually for one year, and annually thereafter. This review will focus on the following areas:

- * Is the program working? Is less hazardous or designated material being found over time?
- * Is the program being implemented in a safe manner?
- * Do drivers tend to cooperate, and if no, why not?
- * Have any behavior patterns emerged that could be used to improve the program? For example, do drivers who answer "no" to all questions tend to be carrying hazardous or other prohibited materials more often than those who answer "yes"? These reviews will result in specific recommendations for changes in the program.
- * Is more public education about the program needed?
- * What types of waste are most commonly detected?
- * What types of loads most commonly carry hazardous waste?
- * How much waste is being rejected and what is the cost per ton of rejected waste?

Attachment A
Generic Product Categories Potentially Containing Hazardous Waste

<u>Product</u>	<u>Potential Hazardous Constituent</u>
Paints and Allied Products	
Solvent-based paints	Solvents, heavy metals
Oil-based paints	Heavy metals
(Dried water-based paints are acceptable)	
Thinner	Solvents
Paint recovers	Solvents
Pesticides	Solvents & toxic hydrocarbons
Insecticides	
Fungicides	
Rodenticides	
Herbicides	
Molluscicides	
Automotive Products	
Batteries	Heavy metals, acids
Coolant	Ethylene glycol
Lubricating oils	Solvents, heavy metals
Degreasers	Solvents
Household Cleaners and polishes	
Cleaners	Solvents, acids, bases
Drain openers	Solvents, acids, bases
Detergents	Solvents, bases
Polishes, waxes	Solvents, acids
Glues and Solvents	
Glue	Solvents
Solvents	Solvents
Treated Wood	Pentachlorophenol, dioxins
Demolition Debris	
Floor tile, linoleum	Asbestos
Roofing materials	Asbestos
Ripe/duct insulation	Asbestos
Ceiling tiles	Asbestos
Excavated Soils	Solvents, fuel oils
	Pesticides, some metals

Attachment B
Hazardous Waste Exclusion Program Questions

If a "yes" response is received to any of the following questions, the toll collector or inspector must determine the source of the load.

- 1) Are you carrying any paint, thinners, or solvents?
- 2) Are you carrying any automotive waste oils, coolant fluid, or batteries?
- 3) Are you carrying any household cleaners, polishes or waxes?
- 4) Are you carrying any pesticides, e.g. snail or slug bait, rat killer, insecticides or fungicides?
- 5) Are you carrying any treated wood or contaminated soil?
- 6) Are you carrying any floor tiles, pip/duct insulation, ceiling tiles, or roofing materials?
- 7) Are you carrying any medical waste? Any red bag wastes? Any dead animals?

Attachment C
SMaRT Station Hazardous Waste Exclusion Program

Date: _____ **Sheet Control Number :** _____

Type Of Vehicle: _____ **Vehicle License Plate # :** _____

Drivers Name : _____ **Drivers License # :** _____

Transport Company : _____

Source(s) or Origin of Load : _____

Description of Material Checked

Prohibited Materials Found

Course of Action Taken

Inspector's Signature and ID#

Exhibit H-1
Equipment to be Furnished By City

<u>Area</u>	<u>Part #</u>	<u>Description</u>	<u>Width(inches)</u>	<u>Length (feet)</u>
Materials Recovery Equipment (MRF)				
	C-99	Infeed Walking Floor	96	25
	C-100	Infeed Conveyor	72	35
	E-100	Bag Slitter (Bag Opening System)		
	C-101	Residential Middles Charging Conveyor	48	31
	E-101	Size Separator		
	C-200	Vibratory Picking Conveyor	0	47
	E-200	Sorting Room (Picking Enclosure)		
	C-250	Overs Transfer Conveyors	48	30
	C-251	Overs Transfer Conveyors	48	40
	E-300	Rotary Materials Separator (RMS)		
	C-310	RMS Fines Conveyor	24	27
	C-311	Fines Transfer Conveyor	24	8
	C-320	Ferrous Discharge Conveyor	30	21
	E-320	Ferrous Air Knife		
	C-321	Ferrous Transfer Coveyor	36	17
	C-322	Ferrous Cleanup Conveyor	36	43
	C-323	Ferrous Discharge/Transfer Conveyor	30	26
	E-325	Overhead Belt Magnet (Ferrous Cleanup Magnet)		
	C-450	ARM Feed Conveyor	72	47
	C-455	ELPAC Vibratory Feeder		8
	E-500	Aluminum Recovery Module (ELPAC)		
		PULSORT		
	E-502	Live Edge Roller		
	E-505	ELPAC Air Knife Blower		
	E-550	Can Crusher		
	C-570	PULSORT Vibratory Feeder	26	8
	C-593	Pulsort Residue Conveyor	24	8
	C-595	Aluminum Discharge Conveyor	18	242
	C-600	ARM Residue Discharge Conveyor	48	39
	E-600	(Sorting Room) Picking Enclosure		
	C-601	Residue Transfer Conveyor	72	432
	C-602	Residue Transfer Conveyor		
	C-602 ext.	Residue Conveyor Extension		
	C-610	BOS Classifier Fines Conveyor		
	C-611	Fines Transfer Conveyor	18	42
	C-612	Fines Transfer Conveyor	18	39
	C-650	Discharge Conveyor	24	28
	C-651	Transfer Conveyor		
	C-655	Transfer Conveyor	24	9
	E-655	Autosort "B"		
	C660	Feed Conveyor	24	36
	E-660(a)	Autosort "A"		
	E-660(b)	VinylCycle		
	C-665	Transfer Conveyor	24	24
	E-665	Autsort "C"		
	C-670	Transfer Conveyor	24	37
	C-700	Infeed Walking Floor		
	C-701	Infeed Conveyor	96	79
	E-701	Size Separator		
	C-702	Vibratory Picking Conveyor		88
	E-702	Sorting Room (Picking Enclosure)		
	C-703	Overs Transfer Conveyor	48	102
	E-703	Overhead Belt Magnet		
	C-710	Middles Conveyor	15	24
	C-711	Overs Picking Conveyor	54	89
	C-715	Unders Transfer Conveyor	24	69
	E-715	Overhead Belt Magnet		
	C-900	Bunker Walking Floor Conveyor		
	E-900	Fiber Baler		
	C-901	Bunker Walking Floor Conveyor		
	C-902	Bunker Walking Floor Conveyor		
	C-903	Bunker Walking Floor Conveyor		
	C-904	Bunker Walking Floor Conveyor		

Exhibit H-1
Equipment to be Furnished By City

<u>Area</u>	<u>Part #</u>	<u>Description</u>	<u>Width(inches)</u>	<u>Length (feet)</u>
	C-905	Fiber Baler Feed Conveyor	48	78
	E-920	PLC		
	E-930	Miscellaneous Electronic Controls		
	E-940	Air Compressors/Dryers		
	E-950	Enclosures HVAC		
		Misc Stairs/Platforms Ferrous		
	E-980	Motor Control Center (MCC)		

Transfer Equipment

Refuse Compactor
Compactor Infeed Conveyor
Top Load Conveyor
(3) Truck Scales (2 inbound, 1 outbound)
(1) Curbside Scale

Wood and Yard Trimmings Processing

IF-3	Feed Conveyor
W-1	Troughing Conveyor
	Metal Detector
	Shredder
	Dust Collection Bag House
W-2	Conveyor w/ Magnetic Head Pulley
	Disc Scalping Screen
W-3	Overs Conveyor
W-4	Fines Conveyor

Curbside Processing Equipment

C-1	Fiber Infeed	
C-2	Fiber Sorting Line	60
C-3	Container Infeed	42
C-5	Air Classifier Conveyor (Lights)	
C-8	Lights (Plastic/Aluminum) Sorting Line	
C-9	Heavies Transfer Conveyor	18
C-10	Heavies (Glass) Sorting Line	
C-11	Baler Infeed Conveyor	
C-12	Ferrous Transfer Conveyor	24

Baler	Mosely Gorilla Baler
E-19 (a--e)	Fiber Bunkers (5)
E-20 (a--e)	Lights Silos (plastics, cans) (5)
E-4	Trommel
E-6	Air Classifier
MCC1	Motor Control Center
TS	Touch Screen Control

Curbside Scale
Curbside Scale Cardreader system
Curbside Scale Digital Readout